

$A/B, \text{IV}, 7, 4$

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course, solely from a scientific point of view. [redacted] expressed the opinion that CIA received slight or no benefit from these scientific studies on the evaluation of the polygraph itself such research could be of value.

It was necessary to explain the [redacted] to point out that there is a real amount of difference between a polygraph as a scientific device and training it from a scientific point of view or to infallibility, etc.

The conference involved some discussion concerning other devices of detection of deception such as instruments for measuring the frequency of the eye, the electro-encephalograph and some sonic-audio devices.

In the opinion of both [redacted] he considered the primary of an exploratory nature and was not a conference at all and originally scheduled as a general meeting between [redacted] to explore the possibilities of [redacted] testing and evaluate the effectiveness of the polygraph and related devices for the benefit of the [redacted] and other interested agencies. [redacted] pointed out that there are no recognized [redacted] and hence, CIA interests he could not commit himself as to specific CIA interest in the matter and suggested that [redacted] discuss these general matters at a conference at a future date with [redacted] personally. [redacted] agreed to do. All hands agreed that it would probably be beneficial to have [redacted] make an independent study of these matters. Both [redacted] pointed out that CIA security was at all times interested in obtain the best possible devices in these fields and that such improvements or innovations along these lines would be well received and that CIA security itself could be engaged in research to increase the effectiveness of their own polygraph techniques and polygraph equipment.

The conference ended with the agreement that [redacted] would support interest in seeking in such a project and in doing so he would talk with [redacted] and requested that [redacted] be given authority to select and activate such a project. [redacted] also agreed to talk to [redacted] concerning CIA interests in these matters.

For a matter of record during the discussion of the effectiveness of the polygraph and whether or not the polygraph could be "broken", [redacted] wanted to know if any tests had been made concerning the use of hypnotic trypsin needles both in connection with the polygraph and in connection with their current use for interrogation purposes. Since the writer is specifically working on such a project he covered [redacted] in some conversation along these lines but specific details were withheld in this connection since the writer had no certain knowledge as to the extent that [redacted] had been brought into the "Woodard project". Another way, it is not known from the nature of the conversation whether [redacted] for discussion of other big projects in this connection were of a general nature only. The writer merely pointed out to [redacted] that CIA security, of course, had an interest in such matters and was cognizant of the uses of such organs as sodium acetyl, recombinant, etc. and that

research was being carried on in regard to a security risk of view along these lines. It was also pointed out at this time to [redacted] that because of extremely severe security measures in connection with these matters that discussions along these lines was hampered. The writer stated that he hoped in the near future under different circumstances to be able to discuss such matters with [redacted] officially since [redacted] claimed a rather keen interest in this direction. e

IN CONCLUSION: In the opinion of the writer and [redacted] your representation at this conference was unnecessary. A great deal of time was wasted in explaining elementary things and in academic discussions of the nature of the polygraph which had no bearing on [redacted] security matters or other elements mentioned above. [redacted] specifically pointed out that policy matters involving the use of the polygraph came from higher authority and that their only concern was in the specific operation in the use of that instrument. Both [redacted] held the position that the polygraph as used by security CIA is a very effective weapon from a security point of view. Both [redacted] however, clearly stated that CIA security was always interested in more effective instruments if such could be designed or any new devices or any new matters that could be introduced in the detection of deception. A

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[redacted]

MEMORANDUM FOR MR. TOLSON

A/B, IV, 7, 5

SUBJECT: Peeking

Place: Office of [REDACTED] C  
 Date: 2:00 P.M. 10 JAN 1961  
 Report: [REDACTED] A

1. [REDACTED] stated the reason he stated he had cried it to discuss the polygraph as a valid device for detecting deception. He had encountered a great faith in it on the part of operators and a great skepticism on the part of most trained psychologists who were not active in using it. C

2. [REDACTED] then discussed a book on lie detection by [REDACTED] which states that experience has shown that a trained operator using a polygraph can determine the nature of the deception being practiced in 70% of the cases where deception exists. The list of persons will include the 1. of persons known to exist who have no response to the polygraph indicators. [REDACTED] stated that in running several thousand cases they have never encountered such a person. A, C

3. [REDACTED] stated that evaluation of the polygraph requires answers to the following questions: A

a. Have any studies been made as to its reliability in measuring the responses it is supposed to measure? C

b. What limitations exist? - The machine is never alone, but then do we stop getting any accurate responses. Studies have shown that fatigue responses are often confused with stress responses. Designers of any new device will have to keep portability in mind. The 45-50" of the present Reider equipment is probably an upper weight limit.

c. Why is there such a difference in opinion as to the reliability of the polygraph? (referred to above)

d. Has any study scientifically evaluated one polygraph against another?

e. Has any one established a standardized degree of training for polygraph operators? A

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[REDACTED]

c. If the instrument is a valid polygraph, how can it improve the legal system in civil cases of the following - the [redacted] is finding it such a good in action the legal field it is [redacted] a large number of questions of [redacted] H

b. [redacted] raised the question as to whether or not the polygraph could be used as a means of measuring intelligence due to its detecting responses. C

5. [redacted] stated he felt any project that could be developed could be related to the one now under way for the [redacted] in which there is a basic study of the biochemistry of "fatigue". Our interest in deception could be pin-pointed to the biochemical response of the nervous system. He stated that he knew [redacted] was interested in both these areas. C H

6. The encephalograph was mentioned. It was noted that [redacted] probably would not be using it as [redacted] was making a very thorough investigation of it at present. There is some work now being done at [redacted] on the device, but under whose sponsorship it was not known. C

7. Various related activities were mentioned as follows:

a. [redacted] has been interested for some years in a device for determining various phases of measuring blood flow. He has expressed interest in the detection of deception. C

b. There is a clinical clinic in [redacted] which is specializing in the use of hypnosis in the treatment of nervous disorders. H

c. [redacted] mentioned a new drug called "Demerol" which is better than morphine at making persons talk freely. C

d. The existence of [redacted] was confirmed. C

8. In conclusion, it was decided that:

a. A complete and scientific investigation of all polygraphs is in order. This should:

- (1) determine the best available
- (2) determine how it could be improved

b. [redacted] such an investigation is most especially within the scope of [redacted] and should be a part of the [redacted] which is to give [redacted] in the near future. C H, G

c. [redacted] who is now a consultant for [redacted] on other matters will speak to [redacted] about conducting the assignment of the polygraph investigation project to [redacted] C, H -